

Amendments to the Claims:

Please amend Claims 1, 3-4, 9, 12-13, 34, 36-37, 42, 45-46, 48-49, 51, 53-54, 59, 62-63 and 70-71, cancel Claims 6, 8, 39, 41, 56, 58 and 72, and add new Claims 73-74, all as shown below. All pending claims are reproduced below, including those that remain unchanged.

1. (Currently Amended) An interactive tool that can configure a portal, comprising:
a first user interface operable to at least one of define and manage the portal, wherein the portal provides access to content in a virtual content repository (VCR), wherein the VCR is a hierarchical representation of a plurality of individual content repositories such that the plurality of individual content repositories appear and behave as a single content repository, and wherein the portal is associated with a plurality of portal components and the first user interface uses a hierarchy to manage the plurality of portal components; and

a second user interface operable to at least one of define and manage ~~a hierarchy of entitlement~~[[s]] for [[a]] said plurality of portal resources components, wherein each entitlement of the hierarchy of entitlements uses a plurality of roles and security policies to control access to the plurality of portal resources, and wherein each portal resource of the plurality of portal resources can be associated with a different entitlement for wherein different portal components in said plurality of portal components can be associated with different sets of roles, and each different role in said different sets of roles can be entitled with a different set of capabilities, wherein the second user interface allows a user to select a role from a said set of roles for each said portal resource, and the second user interface further allows the user to select different entitlement capabilities from a said set of capabilities for a said role selected by the user for a said portal component; [[and]]

~~a content management user interface operable to at least one of define and manage content in a virtual content repository (VCR), wherein the VCR is a hierarchical representation of a plurality of individual content repositories such that the plurality of individual content repositories appear and behave as a single content repository,~~

~~wherein the portal provides access to the content in the VCR via a user interface that is associated with the plurality of portal resources; and wherein the portal operates to include a desktop and associated desktop resource that includes at least one of the following portal resources: a book, a page, a portlet, a shell, a look and feel, and a layout; and~~

~~wherein the interactive tool runs on at least one processor.~~

2. (Original) The interactive tool of claim 1, further comprising:
at least one user interface operable to define and/or manage one of: a desktop, a book, a page, a portlet, a shell, a theme, a menu, a look and feel, and a layout.
3. (Currently Amended) The interactive tool of claim 1 wherein:
the portal operates to include a desktop that can be defined based on a template.
4. (Currently Amended) The interactive tool of claim 1 wherein:
the portal operates to include a desktop that is a user-specific view of a portal.
5. (Original) The interactive tool of claim 1, further comprising:
a third user interface operable to define and/or manage a desktop; and wherein the third user interface can render a preview of the desktop.
- 6-8. (Canceled).
9. (Currently Amended) The interactive tool of claim 1 wherein:
[[an]] said entitlement determines what capabilities are available to a portal visitor for ~~the~~ at least one said plurality of resources portal components.
- 10.-11. (Canceled).
12. (Currently Amended) The interactive tool of claim 1 ~~wherein further comprising:~~
[[the]] a content management user interface that allows a user to modify the VCR by dragging and dropping graphical objects representing VCR nodes.
13. (Currently Amended) The interactive tool of claim 1 wherein:
the portal operates to include a portlet that can dynamically present content.
14. (Original) The interactive tool of claim 1, further comprising:
a fourth user interface operable to define and/or manage personalization of the portal.
15. (Original) The interactive tool of claim 14 wherein:

the fourth user interface is operable to define and/or manage a content placeholder.

16. (Original) The interactive tool of claim 14 wherein:
the fourth user interface is operable to define and/or manage a content selector.
17. (Original) The interactive tool of claim 1, further comprising:
a fifth user interface operable to define and/or manage delegated administration.
- 18.-33. (Canceled).
34. (Currently Amended) A method for configuring a portal, comprising:
providing a first user interface operable to at least one of define and manage the portal,
wherein the portal provides access to content in a virtual content repository (VCR), wherein the VCR is a hierarchical representation of a plurality of individual content repositories such that the plurality of individual content repositories appear and behave as a single content repository, and wherein the portal is associated with a plurality of portal components and the first user interface uses a hierarchy to manage the plurality of portal components; and
providing a second user interface operable to at least one of define and manage a ~~hierarchy of entitlement~~[[s]] for [[a]] said plurality of portal resources ~~components~~, wherein each ~~one of the hierarchy of entitlements uses a plurality of roles and security policies to control access to the plurality of portal resources, and wherein each portal resource of the plurality of portal resources can be associated with a different entitlement for~~ wherein different portal components in said plurality of portal components can be associated with different sets of roles, and each different role in said different sets of roles can be entitled with a different set of capabilities, wherein the second user interface allows a user to select a role from a said set of roles for each said portal component, and the second user interface further allows the user to select different entitlement capabilities from a said set of capabilities for a said role selected by the user for a said portal component; [[and]]
~~providing a content management user interface operable to at least one of define and manage content in a virtual content repository (VCR), wherein the VCR is a hierarchical representation of a plurality of individual content repositories such that the plurality of individual content repositories appear and behave as a single content repository,~~

wherein the portal provides access to the content in the VCR via a user interface that is associated with the plurality of portal resources; and wherein the portal operates to include a desktop and associated desktop resource that includes at least one of the following portal resources: a desktop, a book, a page, a portlet, a shell, a theme, a menu, a look and feel, and a layout.

35. (Original) The method of claim 34, further comprising:
providing at least one user interface operable to define and/or manage one of: a desktop, a book, a page, a portlet, a shell, a look and feel, and a layout.
36. (Currently Amended) The method of claim 34 wherein:
defining a desktop ~~can be defined~~ based on a template.
37. (Currently Amended) The method of claim 34 wherein:
allowing a desktop ~~[[is]]~~ to be a user-specific view of a portal.
38. (Original) The method of claim 34, further comprising:
providing a third user interface operable to define and/or manage a desktop; and
wherein the third user interface can render a preview of the desktop.
- 39.-41. (Canceled).
42. (Currently Amended) The method of claim 34 wherein:
using an entitlement to determine[[s]] what capabilities are available to a portal visitor for ~~the at least one said plurality of resources~~ portal components.
- 43.-44. (Canceled).
45. (Currently Amended) The method of claim 34 ~~wherein, further comprising:~~
allowing, via a ~~[[the]]~~ content management user interface, allows a user to modify the VCR by dragging and dropping graphical objects representing VCR nodes.
46. (Currently Amended) The method of claim 34 wherein:

allowing a portlet ~~[[can]]~~ to dynamically present content.

47. (Original) The method of claim 34, further comprising:
providing a fourth user interface operable to define and/or manage personalization of the portal.

48. (Currently Amended) The method of claim 47 ~~wherein, further comprising:~~
allowing the fourth user interface ~~is operable~~ to define and/or manage a content placeholder.

49. (Currently Amended) The method of claim 47 ~~wherein, further comprising:~~
allowing the fourth user interface ~~is operable~~ to define and/or manage a content selector.

50. (Original) The method of claim 34, further comprising:
providing a fifth user interface operable to define and/or manage delegated administration.

51. (Currently Amended) A machine readable medium having instructions stored thereon that when executed by a processor cause a system to:

provide a first user interface operable to at least one of define and manage the portal, wherein the portal provides access to content in a virtual content repository (VCR), wherein the VCR is a hierarchical representation of a plurality of individual content repositories such that the plurality of individual content repositories appear and behave as a single content repository, and wherein the portal is associated with a plurality of portal components and the first user interface uses a hierarchy to manage the plurality of portal components; and

provide a second user interface operable to at least one of define and manage a hierarchy of entitlement~~[[s]]~~ for ~~[[a]]~~ said plurality of portal ~~resources~~ components, wherein each one of the hierarchy of entitlements uses a plurality of roles and security policies to control access to the plurality of portal resources, and wherein each portal resource of the plurality of portal resources can be associated with a different entitlement for wherein different portal components in said plurality of portal components can be associated with different sets of roles, and each different role in said different sets of roles can be entitled with a different set of capabilities, wherein the second user interface allows a user to select a role from a said set of

roles for each said portal component, and the second user interface further allows the user to select different entitlement capabilities from a said set of capabilities for a said role selected by the user for a said portal component; [[and]]

provide a content management user interface operable to at least one of define and manage content in a virtual content repository (VCR), wherein the VCR is a hierarchical representation of a plurality of individual content repositories such that the plurality of individual content repositories appear and behave as a single content repository,

wherein the portal provides access to the content in the VCR via a user interface that is associated with the plurality of portal resources; and wherein the portal operates to include a desktop and associated desktop resources that includes at least one of the following portal resources: a book, a page, a portlet, a shell, a look and feel, and a layout.

52. (Original) The machine readable medium of claim 51, further comprising instructions that when executed cause the system to:

at least one user interface operable to define and/or manage one of: a desktop, a book, a page, a portlet, a shell, a look and feel, and a layout.

53. (Currently Amended) The machine readable medium of claim 51 wherein:
the portal operates to include a desktop that can be defined based on a template.

54. (Currently Amended) The machine readable medium of claim 51 wherein:
the portal operates to include a desktop that is a user-specific view of a portal.

55. (Original) The machine readable medium of claim 51, further comprising instructions that when executed cause the system to:

provide a third user interface operable to define and/or manage a desktop; and
wherein the third user interface can render a preview of the desktop.

56.-58. (Canceled).

59. (Currently Amended) The machine readable medium of claim 51 wherein:
[[an]] said entitlement determines what capabilities are available to a portal visitor for the at least one said plurality of resources portal components.

60.-61. (Canceled).

62. (Currently Amended) The machine readable medium of claim 51 wherein further comprising instructions that when executed cause the system to:

provide a content management user interface operable to at least one of define and manage content in the VCR, wherein the content management user interface allows a user to modify the VCR by dragging and dropping graphical objects representing VCR nodes.

63. (Currently Amended) The machine readable medium of claim 51 wherein:
the portal operates to include a portlet that can dynamically present content.

64. (Original) The machine readable medium of claim 51, further comprising instructions that when executed cause the system to:

provide a fourth user interface operable to define and/or manage personalization of the portal.

65. (Original) The machine readable medium of claim 64 wherein:
the fourth user interface is operable to define and/or manage a content placeholder.

66. (Original) The machine readable medium of claim 64 wherein:
the fourth user interface is operable to define and/or manage a content selector.

67. (Original) The machine readable medium of claim 51, further comprising instructions that when executed cause the system to:

provide a fifth user interface operable to define and/or manage delegated administration.

68. (Canceled).

69. (Previously Presented) The interactive tool of claim 1 wherein:
each content repository in the VCR is a searchable data store and provides content life cycle management.

70. (Currently Amended) The interactive tool of claim 1 wherein:

the ~~content management user interface~~ interactive tool is associated with a content model that represents a combined content of all repositories as a hierarchical namespace of nodes and each content repository implements content management operations on the content model differently for the particular content repository.

71. (Currently Amended) The interactive tool of claim 1 wherein:

the ~~content management user interface~~ interactive tool is associated with one or more content caches that are used to buffer search results and recently accessed content repositories.

72. (Canceled).

73. (New) The interactive tool of claim 1, wherein:

a portal component of the plurality of portal components is associated with one or more nodes in the VCR, and the interactive tool allows a user to change capabilities of a portal visitor to access the one or more nodes in the VCR through the said portal component, by changing one or more properties associated with the one or more nodes in the VCR.

74. (New) The interactive tool of claim 73, wherein:

the interactive tool allows a user to change capabilities of a portal visitor to access the one or more nodes in the VCR through the said portal component, by changing one or more properties associated with the portal component.